Table A-4A. Proposed Changes in Chloride Loads after TMDL Implementation, Including Margin of Safety Attaining Water Quality Objectives under Critical Conditions (Maximum Non-Storm Flow). Part 1: Northern Reaches.

Reach	Current Loads, Critical Conditions			Changes Proposed by TMDL				
Discharge	Flow, ft^3/s *	Conc., mg/L	Mass, lb/day	Projected Flow, ft^3/s*	Reduced Mass, lb/day	Percent Reduction in Mass	Target Conc., mg/L	LA / WLA, lb/day
Tapo Canyon, Reach 8								
Groundwater discharge	0.75	160	640	0.75	0	0	160	640
Urban non-storm runoff	0.75	130	520	0.75	20	4	130	500
Arroyo Simi, Reach 7								
Groundwater discharge, headwaters	0.75	160	640	0.75	0	0	160	640
Pumped groundwater***	2	150	1,600	0	--	--	--	--
Urban non-storm runoff	0.75	100	400	0.75	0	0	100	400
Conditions, USGS gauge Arroyo Simi	***5***	***143***	***3,800***	***3.0***			***138***	***2,200***
Simi Valley POTW	14.1	113	8,500	14.1	-1,600	-19%	134	10,100
Pumped groundwater***	0	--	--	1.9	200	13%	134	1,400
Groundwater discharge, near Simi Valley	2	150	1,600	2	0	0	150	1,600
Conditions, outflow to Reach 6	***21.1***	***123***	***13,900***	***21.0***			***136***	***15,300***
Arroyo Las Posas, Reach 6								
Agricultural withdrawals	-6	123	--	-6			136	--
Moorpark POTW **	3.1	118	2,000	3.0	-200	-10%	136	2,200
Groundwater recharge	-15	123	--	-15			136	--
Conditions, mid-Reach 6	***0***	--	--	***0***	--	--	--	--

* Withdrawals and outflows indicated by a negative number **Discharge to groundwater: not directly included in flow totals or mass balance calculations

*** Dewatering wells in Reach 7 currently discharge upstream of USGS gauge; if the discharge requires treatment to meet the WLA, it is assumed the water will be piped to the Simi Valley POTW for treatment and released at that point.

Table A-4B. Proposed Changes in Chloride Loads after TMDL Implementation, Including Margin of Safety, Attaining Water Quality Objectives under Critical Conditions (Maximum Non-Storm Flow). Part 2: Southern Reaches.

Reach	Current Loads, Critical Conditions			Changes Proposed by TMDL				
Discharge	Flow, ft^3/s *	Conc., mg/L	Mass, lb/day	Projected Flow, ft^3/s*	Reduced Mass, lb/day	Percent Reduction in Mass	Target Conc., mg/L	LA / WLA, lb/day
Conejo Creek South Fork, Reach 13								
Groundwater discharge	1.5	160	1,300	1.5	0	0	160	1,300
Pumped groundwater	0.5	160	430	0.5	70	16%	136	360
Urban non-storm runoff	3	160	2,600	3	0	0	160	2,600
Conejo Creek North Fork, Reach 12								
Groundwater discharge	3	150	2,400	3	0	0	150	2400
Urban non-storm runoff	2	150	1,600	2	0	0	150	1,600
Arroyo Santa Rosa, Reach 11								
Groundwater recharge	-1.3	--	--	-1.3			--	--
Agricultural withdrawals	-2	--	--	-2			--	--
Groundwater discharge	3	130	2,100	3	0	0	130	2,100
Urban non-storm runoff	1.5	100	800	1.5	0	0	100	800
Conejo Creek Hill Canyon, Reach 10								
Groundwater recharge	-6	--	--	-6			--	--
Hill Canyon POTW	15.2	118	9,600	15.2	-500	-5%	125	10,100
Agricultural withdrawals	-0.4	--	--	-0.4			--	--
Conejo Creek main stem, Reach 9B								
Conditions, USGS gauge Conejo Ck.	***20.0***	***131***	***13,900***	***20.0***			***136***	***14,500***
Groundwater discharge	2	130	1,400	2	0	0	130	1,400
Urban non-storm runoff	0.8	100	430	0.8	0	0	100	430
Agricultural withdrawals	-1	--	--	-1			--	--
Subsurface inflow	1	131	700	1		0	136	720
Conditions at proposed diversion	***22.8***	***130***	***15,800***	***22.8***			***134***	***16,300***
Conejo Creek main stem, below diversion, Reach 9A								
Diversion	-16.8	--	--	-16.8			--	--
Groundwater discharge	2	150	1,600	2	0	0	150	1,600
Camarillo POTW	3.3	175	3,100	3.2	800	26%	133	2,300
Conditions, Conejo/Calleguas confluence	***11.3***	***146***	***8,800***	***11.2***			***136***	***8,200***

* Withdrawals and outflows indicated by a negative number **Discharge to groundwater: not directly included in flow totals or mass balance calculation

Table A-4C. Proposed Changes in Chloride Loads after TMDL Implementation, Including Margin of Safety,

Attaining Water Quality Objectives under Critical Conditions (Maximum Non-Storm Flow). Part 3: Calleguas Creek Main Stem.

Reach	Current Loads, Critical Conditions			Changes Proposed by TMDL				
Discharge	Flow, ft^3/s *	Conc., mg/L	Mass, lb/day	Projected Flow, ft^3/s*	Reduced Mass, lb/day	Percent Reduction in Mass	Target Conc., mg/L	LA / WLA, lb/day
Calleguas Creek Main Stem, Reach 3								
Inflow from Reach 6	0	--	--	0			--	--
Inflow from Reach 9	11.3	146	8,800	11.3			136	8,200
Groundwater discharge near Conejo confl.	1.6	250	2,100	1.5	1,000	48%	136	1,100
Agricultural withdrawals	-1	--	--	-1.0			--	--
Agricultural discharge	2	250	2,700	1.8	1,400	52%	136	1,300
Camrosa POTW **	2.3	250	3,100	2.1	1,600	52%	136	1,500
Groundwater discharge near Camrosa POTW	2.3	250	3,100	2.1	1,600	52%	136	1,500
Conditions, USGS gauge Potrero Rd.	***16.2***	***184***	***15,900***	***15.7***			***136***	***11,800***

* Withdrawals and outflows indicated by a negative number **Discharge to groundwater: not directly included in flow totals or mass balance calculations